



September 13, 2015

(b) (6)

(b) (6), (b) (9)

Durango CO 81301

**Re: Groundwater Well Sampling Results**

Dear (b) (6),

This letter provides the results for the water sample(s) collected from your groundwater well on 8/19/2015 (Sample ID = GKMTW198\_081915). The water was submitted to, and analyzed by a private certified laboratory for total metals. The analysis included metals that could be present in water from the Gold King Mine release.

**None of these metals were present in your groundwater above a level of concern.** A laboratory results summary table for your water sample is attached to this letter.

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute. This tool has more information regarding the metals examined in your well, and can be found at the following website: <https://erams.com/wqtool/>.

We greatly appreciate your cooperation in the collection process, and thank you for your patience while the sample was analyzed. If you have any further questions, please contact Deb McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8

*Needs mail  
Re-printed*



SAN JUAN BASIN  
**HEALTH**  
DEPARTMENT

October 3, 2015

(b) (6)

Location Code: GKMTW198

(b) (6), (b) (9)

Durango, CO 81303

Re: Groundwater Well Sampling Results

Dear (b) (6)

Due to an administrative error the test results for your well water were transmitted with the incorrect map. We apologize for this error and are resending your results with the correct map. Please use this results package instead of the previously package.

Thank you for participating in the private drinking water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the Colorado Department of Public Health and Environment (CDPHE) and the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water samples collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards are intended for the evaluation of public water systems and therefore, do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

EPA has also established National Secondary Drinking Water Regulations that set non-mandatory water quality standards for 15 contaminants. EPA does not enforce these "secondary maximum contaminant levels" (MCLs). They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the secondary maximum contaminant level. **None of these metals were present in the water sample(s) collected from your property above MCLs.**

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Dr. Deborah McKean at (303) 579-4371.

Enclosure

CC:

Colorado Department of Public Health and Environment

San Juan Basin Health Department

San Juan County Public Health

Water Sample ID: GKMTW198



(b) (6), (b) (9)

Southern Ute Indian Rese



0 50 100 200 Feet

Well Location  
Parcel Boundary



1:1,200

1 inch = 100 feet

Map Created: 9/11/2015





September 23, 2015

(b) (6)  
(b) (6), (b) (9)  
Durango CO 81301

Re: Groundwater Well Sampling Results

Dear (b) (6),

Due to an administrative error the test results for your well water were transmitted with the incorrect map. We apologize for this error and are resending your results with the correct map. Please use this results package instead of the previously package.

This letter provides the results for the water sample(s) collected from your groundwater well on 8/19/2015 (Sample ID = GKMTW198\_081915). The water was submitted to, and analyzed by a private certified laboratory for total metals. The analysis included metals that could be present in water from the Gold King Mine release.

**None of these metals were present in your groundwater above a level of concern.** A laboratory results summary table for your water sample is attached to this letter.

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute. This tool has more information regarding the metals examined in your well, and can be found at the following website: <https://erams.com/wqtool/>.

We greatly appreciate your cooperation in the collection process, and thank you for your patience while the sample was analyzed. If you have any further questions, please contact Dr. Deborah McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8



September 12, 2015

(b) (6)

(b) (6), (b) (9)

Durango, CO 81301

**Re: Groundwater Well Sampling Results**

Dear (b) (6)

This letter provides the results for the water sample(s) collected from your groundwater well on 8/19/2015 (Sample ID (s) = GKMTW198\_081915). The water was submitted to, and analyzed by a private certified laboratory for total metals. The analysis included metals that could be present in water from the Gold King Mine release.

**None of these metals were present in your groundwater above a level of concern.** A laboratory results summary table for your water sample is attached to this letter.

We greatly appreciate your cooperation in the collection process, and thank you for your patience while the sample was analyzed. The EPA will work with the Tribe's Water Quality Program to identify any future sampling needs. If you have any further questions, please contact Deb McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8

CC:

Curtis Hartenstine

Southern Ute Indian Tribe

Water Quality Program Manager

970-563-0100 ext. 2217

Analyte	Location ID					GKMTW198
	Sample ID					GKMTW198_081915
	Sample Date					8/19/2015
	Sample time					14:20
	Latitude					(b) (6), (b) (9)
	Longitude					
						Sub Location
						Outdoor spigot
Metals, Total	CAS NO	Units	Colorado Water Standard	EPA MCL		Lab Result
Aluminum A,B	7429-90-5	ug/L	5000	200		24 U
Antimony	7440-36-0	ug/L	6	6		0.4 U
Arsenic	7440-38-2	ug/L	10	10		6.3
Barium	7440-39-3	ug/L	2000	2000		40 J+
Beryllium	7440-41-7	ug/L	4	4		0.15 U
Cadmium	7440-43-9	ug/L	5	5		0.043 U
Calcium	7440-70-2	ug/L				4700
Chromium	7440-47-3	ug/L	100	100		1 U
Cobalt A	7440-48-4	ug/L	50			0.12 U
Copper A	7440-50-8	ug/L	200	1300		6.7
Iron A,B	7439-89-6	ug/L	5000	300		17 U
Lead A	7439-92-1	ug/L	100	15		0.06 U
Magnesium	7439-95-4	ug/L				50 J
Manganese A,B	7439-96-5	ug/L	200	50		11
Mercury	7439-97-6	ug/L	2	2		0.08 U
Molybdenum	7439-98-7	ug/L				33
Nickel A	7440-02-0	ug/L	200			0.93 J
Potassium	7440-09-7	ug/L				1800
Selenium	7782-49-2	ug/L	50	50		8.9 U
Silver B	7440-22-4	ug/L		100		0.1 U
Sodium	7440-23-5	ug/L				150000
Thallium	7440-28-0	ug/L	2	2		0.1 U
Vanadium A	7440-62-2	ug/L	100			0.3 U
Zinc A,B	7440-66-6	ug/L	2000	5000		3.4 J

A- CDPHE Agricultural Standards (Jan. 2013)

B- EPA Secondary MCL (May 2009)

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

ug/L - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value